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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/841,091B

DATE: 07/10/2003

TIME: 11:18:33

Input Set : A:\NEMC-215(2).APP.txt

Output Set: N:\CRF4\07102003\I841091B.raw

3 <110> APPLICANT: Kuliopoulos, Athan
 4 Covic, Lidija
 6 <120> TITLE OF INVENTION: G Protein Coupled Receptor (GPCR) Agonists and
 7 Antagonists and Methods of Activating and Inhibiting
 8 GPCR Using the Same
 10 <130> FILE REFERENCE: 18475-034
 12 <140> CURRENT APPLICATION NUMBER: 09/841,091B
 13 <141> CURRENT FILING DATE: 2001-04-23
 15 <150> PRIOR APPLICATION NUMBER: 60/198,993
 16 <151> PRIOR FILING DATE: 2000-04-21
 18 <160> NUMBER OF SEQ ID NOS: 29
 20 <170> SOFTWARE: PatentIn Ver. 2.1
 22 <210> SEQ ID NO: 1
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 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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 33 1 5 10 15
 35 Ala Leu Phe
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 13
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
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 53 <211> LENGTH: 7
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 57 <220> FEATURE:
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 Peptide Sequence
 61 <400> SEQUENCE: 3
 62 Lys Lys Ser Arg Ala Leu Phe
 63 1 5

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Input Set : A:\NEMC-215(2).APP.txt
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 90 Arg Cys Leu Ser Ser Ser Ala Val Ala Asn Ser Ser Ala Leu Phe
 91 1 5 10 15
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 96 <212> TYPE: PRT
 97 <213> ORGANISM: Artificial Sequence
 99 <220> FEATURE:
 100 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
 101 Peptide Sequence
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 132 <220> FEATURE:
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138 1 5 10 15
140 Lys Arg Ala Ile Phe
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146 <212> TYPE: PRT
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155 1 5 10 15
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160 <212> TYPE: PRT
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163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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186 20
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199 Lys Val Arg Ser Ser Gly Ile Arg Val Gly Ser Ser Lys Arg Lys Lys
200 1 5 10 15
202 Ser Glu Lys Lys Val Thr Phe

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Input Set : A:\NEMC-215(2).APP.txt
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244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
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252 Val Arg
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268 Val Phe
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272 <211> LENGTH: 6
273 <212> TYPE: PRT

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Input Set : A:\NEMC-215(2).APP.txt
Output Set: N:\CRF4\07102003\I841091B.raw

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276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Extracellular
278 Agonist Peptide Sequence
280 <400> SEQUENCE: 17
281 Ser Leu Ile Gly Lys Val
282 1 5
285 <210> SEQ ID NO: 18
286 <211> LENGTH: 14
287 <212> TYPE: PRT
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Extracellular
292 Agonist Peptide Sequence
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295 Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Phe Thr Ser Cys
296 1 5 10
299 <210> SEQ ID NO: 19
300 <211> LENGTH: 89
301 <212> TYPE: PRT
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Description of Artificial Sequence: Pepducin
306 Peptide Sequence
309 <400> SEQUENCE: 19
310 Arg Glu Leu Tyr Leu Gly Leu Arg Phe Asp Ser Asp Ser Asp Ser Gln
311 1 5 10 15
313 Ser Arg Val Arg Asn Gln Gly Gly Leu Pro Gly Ala Val His Gln Asn
314 20 25 30
316 Gly Arg Cys Arg Pro Glu Thr Gly Ala Val Gly Glu Asp Ser Asp Gly
317 35 40 45
319 Cys Tyr Val Gln Leu Pro Arg Ser Arg Pro Ala Leu Glu Leu Thr Ala
320 50 55 60
322 Leu Thr Ala Pro Gly Pro Gly Ser Gly Ser Arg Pro Thr Gln Ala Lys
323 65 70 75 80
325 Leu Leu Ala Lys Lys Arg Val Val Arg
326 85
329 <210> SEQ ID NO: 20
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339 <400> SEQUENCE: 20
340 Leu Glu Leu Tyr Gln Gly Ile Lys Phe Glu Ala Ser Gln Lys Lys Ser
341 1 5 10 15
343 Ala Lys Glu Arg Lys Pro Ser Thr Thr Ser Ser Gly Lys Tyr Glu Asp
344 20 25 30

VERIFICATION SUMMARY

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